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NAB LITTLE CREEK
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MEETING MINUTES FROM INSTALLATION RESTORATION PARTNERING TEAM MEETING
DATED 15 JUNE 2000 NAB LITTLE CREEK VA
6/14/2000
CH2MHILL

Naval Amphibious Base Little Creek IR Partnering Group Meeting Minutes:

Partnering Meeting – June 14 - 15, 2000

ATTENDEES: Bob Schirmer/LANTDIV Scott MacEwen/CH2M HILL
 Robert Weld/VDEQ Stacie Driscoll/Tier II
 Donna Caldwell/CH2M HILL Dawn Hayes/ LANTDIV
 Bruce Beach/ USEPA

COPIES:

FROM: Donna Caldwell/CH2M HILL

DATE: June 14-15 2000

LOCATION

CH2M HILL Office Philadelphia, PA

MINUTES

June 14, 2000

8:30 Check In,

Review Groundrules.
Review assigned roles
Review previous meeting minutes

I. Parking Lot:

Parking Lot

- LANTDIV position on outfalls/water body sampling
- PRAP Site 9 & 10

- Former Incinerator Site near the northern part of Site 10
- CLP Labs use

II Meeting Minutes/Action Items

Consensus May Meeting Minutes accepted as edited

III. SASR Review

Scott provided an update of the SASR and schedules. To finalize the Master Project Plans (MPP), the only issue remaining is the use of CLP labs. Stacie noted that she had looked into this issue and it was her understanding that EPA does not certify labs. To complete review of FFA, Bob noted the Navy attorney couldn't review the FFA until July. Submittal of the FFA to the Navy will take place before submittal to EPA/DEQ. ECO RA will delay Site 9 & 10 PRAP. SWMU 8 EE/CA will be priority for regulatory review by July 12.

IV. FFA Review

Bruce led the discussion and edits to the draft FFA. The goal is to edit the FFA and develop a draft version for submittal. Bob would like to provide the Navy attorney a "track changes" version. Stacie will provide an example of a FFA that does not have a RCRA permit in place. **Action Bob** – get date for RCRA Part B Permit Application withdrawal and provide to Bruce by 6/19.

V. SMP Goals and Funding

Bob presented a summary of funding in FY00 and how that relates to our goals in the SMP. Funding remaining includes 70 K for ORC and Site 8 EE/CA. Funding has been tied up for Camp Leguine and WNY. Scott noted there might be some money available from other CTOs.

VI. Site 8 EE/CA and Cover Requirements

Bob addressed Site 8 with the goal of understanding regulatory needs to address the waste at Site 8. Robert noted the desire for housekeeping to initiate the removal and ensure compliance with State solid waste regulations. Robert suggested that during the removal of surface waste we conduct some trenching to estimate the volume of waste and soil cover thickness. This will provide information to help address long range plans for the site. Dawn asked if the housekeeping removal at the site could be addressed without and EE/CA. Robert and Bruce noted that because it was a CERCLA site and public input is necessary that an EE/CA would be needed. The removal would not be time-critical.

Consensus to prepare a simplified EE/CA that only includes the option of removal or non-removal. A "No Action" alternative would consist of addressing surface debris in the RI.

Action Dawn- review EE/CA guidance for the number of options we are required to address in a streamlined EE/CA. If required by EE/CA guidance, a 3rd option would be to consider cover to remove risk. Funding to be set aside for next year is for a soil cover survey, removal of surface debris, and the RI. **Action Dawn**- establish FY01 funding.

VII. SWMU 8 Use of XRF

Donna presented a summary of the proposed use of XRF at SWMU 8. Robert asked if this would replace the value of confirmation sampling with quick turnaround. It does not replace the use of confirmation sampling but would minimize the number needed for confidence of removal to established clean up goals. Use of XRF will be supplemented with confirmation sampling. This approach is acceptable to Bruce and Robert.

Scott presented a summary of the EE/CA to the Team. Discussed the three alternatives (visible \$335K, residential \$488K, and industrial, 405K). Bruce noted that even in the RI we need to consider ecological risk and will want to be able to address constituents in soil and compare to background. During confirmatory sampling we would analyze for all metals and parameters as determined based on the SI findings for the Removal Action. Bruce noted the importance to consider the potential for ECO impact in selecting the EE/CA alternative. **Action Bruce**-check with Peter and John about ERA screening level for metals in soil. This Eco level may lead to an amendment of the EE/CA to include a 4th alternative to a cleanup level to ECO levels. Bob noted funding will have to wait until FY01 funds are available and obligated and perhaps we should delay the EE/CA to incorporate SI results and funding in the selection of the alternative. Hill will be tasked to prepare a sampling and analysis plan for the OHM removal action. This will allow data quality to be used in the RI and the MPP is in place which will simplify work plan preparation. Desire to get review comments on EE/CA by July 12, and SI results, and review data. **Action Donna**-provide metals results from SWMU 8 to Team by July 12.

VIII. ECO Subgroup Update

Bruce presented a summary of ECO Subgroup meeting. Site visit (Site 7) was conducted with discussion/questions of what had been sampled and what may need to be sampled for the next round. Decided 3-4 sediment samples from the pond that and drainage ditch on southwest corner. 2 sediment samples from the pond and 1-2 sediment samples from the ditch. The group noted a lot of debris around the pond and areas of debris in front of the landfill. Considered how much fresh vs estuarine waters are in the cove. For risk assessments it was determined to use marine not fresh water and eliminates terrestrial receptors that would drink fresh water. At Site 9, they considered historical runoff to the pond (Lake 3). BTAG sees a need to sample the potential historical receiving area. Site 10 - they noted no direct runoff. BTAG noted no additional sampling was needed at Site 10. The group looked at the outfall in Little Creek inlet next to Site 7 that also receives discharge from Sites 11 and 13. They reached agreement on response to comments and the approach for steps 1 & 2. Tech memo documents will be finalized by next month.

IX. Quarterly Report to Tier II Update

Robert led a discussion of update on our goals and noted PRAP / ROD schedules are delayed due to ecological risk issues. Success story from last quarter was alternate screening values for ECO. Goal is to identify a success story. **Action Donna**- draft language to describe the background study and address timeframes that were expedited and joint scoping /cooperation/ coordination with Alvaro to develop plan. Send to Team by 23. **Action Robert** update goals and schedules for PRAP/RODs. Robert suggested ECO (multi site vs site specific) for lessons learned or even success for the future. Resolve differences between Navy and EPA ECO guidance.

Parking Lot :Update of CLP Labs-- issue is MPPs & QAPP addresses qualifications of labs to do CERCLA work. Question is do labs have to be CLP certified. Stacie noted EPA does not certify other labs. But labs need to use CPL protocols. **Action Bruce** – define what a CLP lab is and look at Navy labs to ensure they can perform similar level of CLP work (QA/QC). **Action Bob** Provide Bruce a fact sheet on Navy (NFESC) lab certification.

Day 2 June 15, 2000

Check In

Review / Revise Agenda

X. RAB Agenda

Team discussed possible presentations to the RAB. First topic considered is SWMU 8 EE/CA. Team discussed holding a public meeting for the EE/CA immediately after the RAB. Public meeting is not required by regulations for the EE/CA, only public notification. Bruce suggested we delay the RAB meeting and delay dates for finalizing the EE/CA to allow time to address selected alternative based on SWMU 8 SI data. Consider moving the Partnering meeting and holding a public meeting August 16 and 17 instead of August 1 & 2. **Action Bob** check with John Ballinger about public meeting on August 16. Find out if John will also take care of the public notice. **Action Scott** check on availability of hotel for August 16.

XI. FFA Update (continued)

Bruce led the discussion and continuing review and edit of the FFA. The language included in the FFA for Appendix A sites is Site Screening Process (SSP) and Site Screening Reports (SSR). **Consensus** to use this language on future reports. Bob noted the language in Section 11 refers to draft, draft final, and final submittals. Bob asked if this language remains in the FFA will the Navy be required to submit all of these or could we still only submit a draft and final. Robert and Bruce noted that yes the Navy could only submit a draft and final regardless that the language in the FFA refers to the three submittals. **Action Scott** generate list of documents to include in Section 11 of the FFA by early next week. Section XXXV Community Relations Plan - **Action Bob** check on the status of Little Creek CRP and provide Bruce an updated version of Section XXXV. **Action Bruce** – incorporate FFA changes that will be provided. Robert noted the Navy attorney would be unable to review the FFA until mid July. Bob will provide her a “redlined version” and Bruce will provide Bob an electronic version “red lined” for her.

XII. Site 12 Update

Bob presented a brief update of the dredging activity at Site 12. Scott used the GIS to present the information. NAB/Virginia Beach will install a box culvert at Third Street and the ditch adjacent to Site 12. Based on the model for de-watering (handout) the plume should not be drawn into the area of pumping in the estimated 5-day pumping period to install the culvert. Bruce presented a brief summary of Alvaro’s comments to Site 12 SRI.

XIII. Tier II Update

Stacie address the guidance presented for the ROD process and legal review. Concerns were to brief the attorneys at the FS stage. This can allow the attorneys an opportunity to include ARARS early in the process. Teams may want to consider review by an editor before legal review to minimize any editorials by the attorneys. New ROD Guidance is on EPA site and should be followed. LUCIP/LUCAP for Yorktown should be signed soon. ECO Guidance conference call is on Tuesday. Tier II is bringing back ECO Subgroup to address ECO issues raised to Tier II. Issue papers – still working on MCL paper, low flow purging, and dioxin paper. Quarterly goals are due by June 30. Stacie asked for a date for our deliverables. It was noted they would be on web site by the end of June. Team may want to consider facilitation training after graduation.

XIV. Goal Update

FY00 Goals

1. Submit Draft RODs for Sites 9 & 10 (9/00) (Draft ROD does not include legal review)
 - 12/99 - schedule reviewed during meeting - on schedule;
 - 2/1/00- work funded
 - 3/00- additional sampling required, on schedule pending results
 - 4/00- behind schedule by 20 days for final ROD by 9/30/00; schedule may slip further due to ecological issues and dioxin
 - 5/00 on schedule for 9/00, but in jeopardy due to "receiving area" discussions and background and BTAG review
 - 6/00 schedule delayed due to ecological concerns and lack of background in the HHRA,; PRAP now scheduled for 9/00, note draft RI/FS was submitted in June**
2. Final Baseline Human Health Risk Assessment for Sites 9 & 10 (5/00)
 - 12/99 – on schedule pending funding ;
 - 2/1/00- work funded
 - 3/00- on schedule pending results of site 9 and 10 sampling
 - 4/00- behind schedule awaiting EPA review comments of interim submittal II
 - 5/00 goal delayed for final HHRA in July 00 due to additional sampling at site 10 and review of interim deliverables
 - 6/00 Schedule delayed - Submitted as draft June 12, with comments due July 30.**
3. Final Background Study (9/00)
 - 12/99 – on schedule;
 - 2/00- sampling completed Jan 2000.
 - 3/00- on schedule, may slip due to laboratory deliverable delay
 - 4/00- on schedule
 - 5/00 on schedule
 - 6/00 on schedule**
4. Complete Final RI for Site 11 (draft), Site 12 (final), & Site 13 (draft) (9/00)
 - 12/99 - on schedule, may slip pending re-prioritization of sites.
 - 2/1/00

Draft Site 11 SRI (9/00):

3/00 on schedule

4/00 on schedule

5/00 on schedule

6/00 on schedule; first interim HHRS submittal June 14

Draft Site 12 SRI (1/00):

submitted 1/00,

Final Site 12 SRI (9/00):

3/00 on schedule

4/00 on schedule

5/00 on schedule

6/00 on schedule

Draft Site 13 SRI (9/00):

3/00 on schedule

4/00 on schedule

5/00 on schedule

6/00 on schedule; first interim HHRS submittal June 14

5. Draft FFA (12/99) Submit Final FFA (9/00)

12/99 – on schedule;

2/1/00-

Draft FFA (12/99) –

1/00 slips to 2/00

3/00 categorized all sites for FFA draft slip to 3/15/00

4/00 on schedule revise to June 00

5/00 on schedule for submittal June 00

6/00 on schedule; on board review conducted, Navy preliminary prior to submittal to EPA/DEQ

Final FFA (9/00)-

on schedule

4/00 on schedule

5/00 on schedule

6/00 on schedule to submit draft final for EPA/DEQ review by 9/00

6. Partnering Deliverables (4/00)

12/99 – on schedule, completed roles and responsibilities by entity;

2/1/00- Conflict resolution completed, two partnering deliverable remains

3/00- On schedule member entrance/exit procedures completed

4/00- Completed

6/00 by end of June will be on Web site

7. Complete Site Management Plan (4/00)

- 12/99 – on schedule, reviewed during 12/99 meeting;
 2/1/00-On board review of draft SMP scheduled for 2/29/00
 3/00- On board review, draft submittal slip to 3/15, completed
4/00- Completed
8. Scoping of FY 01 Work (8/00)
 12/99 – on schedule;
 2/1/00- on schedule
 3/00 on schedule
 4/00 on schedule
 5/00 on schedule preliminary completed 5/00, will update 6/14/00
6/00 will be completed by conference call (July 6, 2:00)
9. Set up Eco Subgroup (11/99)
Goal Completed 10/99;
10. Complete Ecological Risk Assessment through Step 3 for Sites 9, 10, 11, 12, & 13 (5/00)
 12/99 – on schedule;
 2/1/00- Work funded, Eco-sub group conference call scheduled for 2/2/00 to finalize screening values
 3/00 – on schedule, steps 1 & 2 drafts submitted 1/28
 4/00- behind schedule, ERA problems with comments; meeting to resolve issues
 4/21; goal cannot be met
 5/00 Step 2 to be completed 6/00 Step 3 on hold
6/00 Complete Step 2 by 6/00, Step 3 to be determined based on resolution of ECO issues;
11. Complete Ecological Risk Assessment through Step 3 for Sites 5, 7, 8, & SWMU 3 (9/00)
 12/99 – on schedule;
 2/1/00- Work funded, Eco-sub group conference call scheduled for 2/2/00 to finalize screening values
 3/00 – on schedule, steps 1 & 2 drafts submitted 1/28
 4/00- behind schedule, ERA problems with Step 1 & 2 comments; meeting to resolve issues 4/21; on schedule
 5/00 on schedule Note: Step 2 to be completed 6/00, Step 3 on hold pending tech approach issues, overall on schedule.
6/00 Complete Step 2 by 6/00, Step 3 to be determined based on resolution of ECO issues;
12. Finalize Master Project Plans (3/00)
 12/99 – on schedule, comments due December 31, 1999
 2/1/00 – VDEQ submitted comments; EPA comments due 2/00
 3/00 - behind schedule
 4/00 did not meet goal, to be completed by 5/00

5/00 comments discussed in May, final June 00
 6/00 outstanding CPL lab issue delayed until July 00

13. Complete Draft Site Investigation for SWMUs 7, 8, & 2 (9/00)
 - 12/99 – on schedule, may slip due to re-prioritization of sites
 - 2/1/00-
SWMU 2, 7 & 8 Project Plans (5/14/00): on schedule
SWMU 2, 7 & 8 Final Report (9/29/00): on schedule
 Note: SWMU2- Possible problems with ERN funding of an active site- will discuss at next mtg. SWMU 8- disposal/initial characterization samples taken 1/00. Bob will get ready to obligate \$\$ to OHM for SWMU 8, based on sample results.
 - 3/00- work plan submitted,
 - 4/00- on board review of comments; on schedule
 - 5/00 on schedule note: SWMU 2 has been reprioritized to Appendix B site
 - 6/00 on schedule

14. Evaluate and prioritize site rankings by a risk using Navy Model (2/00)
 - 12/99 - on schedule, NORM model submitted to Team 11/99
 - 2/1/00 – Site ranking list reviewed 1/00. **Goal completed**

NEXT MEETING

August 16 & 17 Virginia Beach, VA

Public meeting 7 PM

Start: 9:00

End: 3:00

Guests: Tier II Durwood Willis

Roles

Chair: Bruce

Timekeeper: Robert

Host: Dawn

Recorder: Donna

Goal Keeper: Bob

Conference Call: August, 14 Monday 10:00 AM

Proposed Agenda:

• Background (information briefing)	1 hr
• ECO Risk Update (informational)	.25 hr
• RI/FS for site 9 & 10 (comment resolution discussion)	1 hr
• PRAP for site 9 & 10 (on board drafting)	1 hr
• Site 12 (comments/resolution/ discussion)	.75 hr
• Site 13 ORC Pilot test (informational funding update)	.25 hr
• Site EE/CA(informational funding update)	.25 hr
• SWMU 8 EE/CA (presentation)	.5 hr
• SWMU 8 SAP (preliminary scoping)	1 hr
• Graduation	1 hr
• Normal	4hr

September 12, 13 Richmond

October 24 & 25 Herndon

NEW ACTION ITEMS

6/00-1 Action Scott – get aerial photo from GIS and put on Partnering Deliverable and post on Web site

6/00-2 Action Bruce/Robert send electronic example of streamed lined PRAP

6/00-3 Action Scott- finalize SASR by June 20

6/00-4 Action Bob – get date for RCRA Part B Permit Application withdrawal and provide to Bruce by 6/19.

6/00-5 Action Dawn- review EE/CA guidance for number of options.

6/00-6 Action Dawn- establish FY01 funding for Site 8 and for NAB

6/00-7 Action Bob- identify NAB LC radiation officer.

6/00-8 Action Bruce / Robert- check on regulatory approval of the use of XRF

6/00-9 Action Bruce-check with Peter and John about ERA screening level for metals in soil

6/00-10. Action Donna- provide metals results from SWMU 8 to Team by July 12.

6/00-11 Action Bob/Donna- set up tour for Dawn to familiarize her with NAB Little Creek

6/00-12 Action Dawn - review previous meeting minutes

6/00-13 Action Scott get Dawn and Robert access to Partnering team Tier II Web site

6/00-14 Action Bob check with John Ballinger about public meeting on August 16, public notice, and fact sheet..

6/00-15 Action Scott generate list of documents to include in Section 11 of the FFA by early next week.

6/00-16 Action Scott check on availability of hotel for August 16.

6/00-17 Action Bob check on the status of Little Creek CRP and provide Bruce an updated version of Section XXXV.

6/00-18 Action Bruce – incorporate FFA changes to be provided to Bruce by Scott, Robert, and Bob and distribute to the Team by June 26.

6/00-19 Action Bob – send FY01 scoping update by end of June

6/00-20 Donna/Scott SWMU 8 EE/CA presentation for public meeting

6/00-21 Action Donna- draft language for success story to describe the background study and address timeframes that were expedited and joint scoping /cooperation/ coordination with Alvaro to develop plan. Send to Team by 23.

6/00-22 Action Robert update goals and schedules for PRAP/RODs.

6/00-23 Action Bruce – define what a CLP lab is and look at Navy’s labs to ensure they can perform similar level of CLP work (QA/QC).

6/00-24 Action Bob Provide Bruce a fact-sheet on Navy (NFESC) lab certification.

UPDATED PREVIOUS ACTION ITEMS

5/00-1 Action Scott/Donna - Prepare partnering deliverable; Donna provide deliverable to Scott

Carryover-

5/00-2 Action Donna -confirm with Alta the sequence of statistical steps for background data analysis.

Completed

5/00-3 Action Donna- provide Bruce with validated rank ordered data set for background.

Completed

5/00-4 Action Bruce - talk to Peter about BTAG consensus on background statistics.

Completed

5/00-5 Action Donna - coordinate schedule to load validated background data into data base and generate rank order file for Bruce, and coordinate conference call between June 20 – 30 for interim deliverable of background.

Completed/carryover for conference call

5/00-6 Action Team - review all available information on Site 9 & 10 for consideration of “receiving area” as new site, and pursue other sources of available data such as air photos.

Completed

5/00-7 - Action Bruce initiate conference call to discuss Site 9 & 10 for consideration of “receiving area” as new site following Eco subgroup call June 5.

Completed- parking lot

5/00-8 - Action Robert prepare 2nd quarter goals for delivery to Tier II.

Completed

5/00-9 - Action Bob notify legal about upcoming EE/CA for review.

Completed

5/00-10 - Action Robert review information on Dioxin test analysis.

Completed

5/00-11 - Action Bob get Susan Hulbert (LANTDIV legal) involved in the FFA issues.

Completed

5/00-12 - **Action Team** review the FFA for the next meeting to provide changes, specifically dates for RCRA permit and withdrawal of permit request.

Completed

5/00-13 - **Action Donna** add language that will summarize the SWMU Report and SSA process in the FFA.

Completed

5/00-14 - **Action Bruce/Robert** check with lawyers about how the absence of a RCRA permit at Little Creek will influence FFA language.

Carryover

5/00-15 - **Action Bob** -Update the Community Relations Plan (Part 37 of FFA).

Completed

5/00-16 - **Action Robert** identify any NOV's for Little Creek.

Carryover

5/00-17 - **Action HILL**- Prepare a "one page" memo / work plan for sample of PCBs at Site 16.

Carryover

5/00-18 - **Action Bob** review SMP/FY01 budget.

Carryover

5/00-19 - **Action Bob** contact Jeff Waller for an update of the dredging activity for Site 12.

Completed

5/00-20 - **Action Bruce** -follow up with EPA policy on the required use of CLP labs.

Completed

5/00-21 - **Action Robert** provide an example of a streamlined EE/CA

Carryover

5/00-22 - **Action Bob** –prepare scope of work for inventory of surface waste and EE/CA at Site 8.

Completed

5/00-23 - **Action Bob** -verify funding available for ORC at Site 13 and prepare scope of work

Completed

5/00-24 - **Action Bruce** – provide language for FFA to address the rifle range.

Carryover

5/00-25 - Action Robert provide copy of DoD/EPA memo Management Principals for Ranges.

Completed

5/00-26 - Action Scott review data for cyanide and if non-detected in historical data drop from the sampling list of parameters for Site 9 & 10

Completed cyanide dropped from sampling

5/00-27 - Action All review dioxin paper for SWMU 2

Carryover

3/00-2 Action Scott (4/18)- respond to EPA comments on ORC Pilot Test.

Carryover In progress on going (4/25) (5/00)

3/00-8 Action Donna - SWMU Report Update to include FFA sorting

Carryover SWMU Report in Progress (6/15/00) (5/00))

3/00-16 Action Rick/Bob- Check with Francine Blend about sanitary permit for exceedences at SWMU 2. Bob checked with John VanName, John Camberlin, and Brian Lee. At region, Francine deals with Norfolk, Wilke Din has responsibility for Little Creek. If SWMU 2 is under permit then will actions be addressed in the permit

Carryover

3/00-20 Bob- locate boring logs for golf course wells for use at Sites 9 and 10

Carryover- Completed 6/00

3/00-23 Action Robert/Bruce- look at SWMU 17/1 data to assess possible FoF status vs Appendix B

Carryover / completed 6/00

1/00-6 Robert address issue of use of "Commonwealth of VA" "VDEQ" in the FFA

Carryover

4/99-7 - Bruce: Try to obtain 4 copies of EPIC report for IR Group Members

Carry over in progress

8/99 – 7 Bruce/Bob Review Marine Reserve Center status as part of NPL. Investigate if Site 4 can be excluded from the NPL.

Completed/carryover (3/30/ 00), yes can be taken out, **carryover Bob** to further discuss with attorneys. Bob noted all land has been transferred to Chief Mid-Atlantic Region; LANTDIV still responsible for environmental.

Carryover 5/00

Carryover 6/00